



Technical Mathematical Conversions

Circumferences and Areas of Circles.

Diameter	Circumference	Area	Diameter	Circumference	Area	Diameter	Circumference	Area
$\frac{1}{64}$	0.0491	0.0002	2	6.2832	3.1416	5	15.7080	19.635
$\frac{1}{32}$	0.0982	0.0008	$2\frac{1}{6}$	6.4795	3.3410	$5\frac{1}{6}$	15.9043	20.129
$\frac{1}{16}$	0.1963	0.0031	$2\frac{1}{8}$	6.6759	3.5466	$5\frac{1}{8}$	16.1007	20.629
$\frac{8}{32}$	0.2945	0.0069	$2\frac{3}{8}$	6.8722	3.7583	$5\frac{3}{8}$	16.2970	21.135
$\frac{1}{8}$	0.3927	0.0123	$2\frac{1}{4}$	7.0686	3.9761	$5\frac{1}{4}$	16.4934	21.648
$\frac{5}{32}$	0.4909	0.0192	$2\frac{5}{16}$	7.2649	4.2000	$5\frac{5}{16}$	16.6987	22.166
$\frac{3}{16}$	0.5890	0.0276	$2\frac{3}{8}$	7.4613	4.4301	$5\frac{3}{8}$	16.8861	22.691
$\frac{7}{32}$	0.6872	0.0376	$2\frac{7}{16}$	7.6576	4.6664	$5\frac{7}{16}$	17.0824	23.221
$\frac{1}{4}$	0.7854	0.0491	$2\frac{1}{2}$	7.8540	4.9087	$5\frac{1}{2}$	17.2788	23.758
$\frac{9}{32}$	0.8836	0.0621	$2\frac{9}{16}$	8.0503	5.1572	$5\frac{9}{16}$	17.4751	24.301
$\frac{5}{16}$	0.9817	0.0767	$2\frac{5}{8}$	8.2467	5.4119	$5\frac{5}{8}$	17.6715	24.850
$\frac{11}{32}$	1.0799	0.0928	$2\frac{11}{16}$	8.4430	5.6727	$5\frac{11}{16}$	17.8678	25.406
$\frac{3}{8}$	1.1781	0.1104	$2\frac{3}{4}$	8.6394	5.9396	$5\frac{3}{4}$	18.0642	25.967
$\frac{13}{32}$	1.2763	0.1296	$2\frac{13}{16}$	8.8357	6.2126	$5\frac{13}{16}$	18.2605	26.535
$\frac{7}{16}$	1.3744	0.1503	$2\frac{7}{8}$	9.0321	6.4918	$5\frac{7}{8}$	18.4569	27.109
$\frac{15}{32}$	1.4726	0.1726	$2\frac{15}{16}$	9.2284	6.7771	$5\frac{15}{16}$	18.6532	27.688
$\frac{1}{2}$	1.5708	0.1963	3	9.4248	7.0686	6	18.8496	28.274
$\frac{17}{32}$	1.6690	0.2217	$3\frac{1}{16}$	9.6211	7.3662	$6\frac{1}{8}$	19.2423	29.465
$\frac{9}{16}$	1.7671	0.2485	$3\frac{1}{8}$	9.8175	7.6699	$6\frac{1}{4}$	19.6350	30.680
$\frac{19}{32}$	1.8653	0.2769	$3\frac{3}{8}$	10.0138	7.9798	$6\frac{3}{8}$	20.0277	31.919
$\frac{5}{8}$	1.9635	0.3068	$3\frac{1}{4}$	10.2102	8.2958	$6\frac{1}{2}$	20.4204	33.183
$\frac{21}{32}$	2.0617	0.3382	$3\frac{5}{16}$	10.4065	8.6179	$6\frac{5}{8}$	20.8131	34.472
$\frac{11}{16}$	2.1598	0.3712	$3\frac{3}{8}$	10.6029	8.9462	$6\frac{3}{4}$	21.2058	35.785
$\frac{23}{32}$	2.2580	0.4057	$3\frac{7}{16}$	10.7992	9.2806	$6\frac{7}{8}$	21.5984	37.122
$\frac{3}{4}$	2.3562	0.4418	$3\frac{1}{2}$	10.9956	9.6211	7	21.9911	38.485
$\frac{25}{32}$	2.4544	0.4794	$3\frac{9}{16}$	11.1919	9.9678	$7\frac{1}{8}$	22.3838	39.871
$\frac{13}{16}$	2.5525	0.5185	$3\frac{5}{8}$	11.3883	10.321	$7\frac{1}{4}$	22.7765	41.282
$\frac{27}{32}$	2.6507	0.5591	$3\frac{11}{16}$	11.5846	10.680	$7\frac{3}{8}$	23.1692	42.718
$\frac{7}{8}$	2.7489	0.6013	$3\frac{3}{4}$	11.7810	11.045	$7\frac{1}{2}$	23.5619	44.179
$\frac{29}{32}$	2.8471	0.6450	$3\frac{13}{16}$	11.9773	11.416	$7\frac{5}{8}$	23.9546	45.664
$\frac{15}{8}$	2.9452	0.6903	$3\frac{7}{8}$	12.1737	11.793	$7\frac{3}{4}$	24.3473	47.173
$\frac{31}{32}$	3.0434	0.7371	$3\frac{15}{16}$	12.3700	12.177	$7\frac{7}{8}$	24.7400	48.707
1	3.1416	0.7854	4	12.5664	12.566	8	25.1327	50.265
$1\frac{1}{16}$	3.3379	0.8866	$4\frac{1}{16}$	12.7627	12.962	$8\frac{1}{8}$	25.5254	51.849
$1\frac{1}{8}$	3.5343	0.9940	$4\frac{1}{8}$	12.9591	13.364	$8\frac{1}{4}$	25.9181	53.456
$1\frac{1}{4}$	3.7306	1.1075	$4\frac{3}{8}$	13.1554	13.772	$8\frac{3}{8}$	26.3108	55.088
$1\frac{1}{2}$	3.9270	1.2272	$4\frac{1}{4}$	13.3518	14.186	$8\frac{1}{2}$	26.7035	56.745
$1\frac{5}{8}$	4.1233	1.3530	$4\frac{5}{16}$	13.5481	14.607	$8\frac{5}{8}$	27.0962	58.426
$1\frac{3}{4}$	4.3197	1.4849	$4\frac{3}{8}$	13.7445	15.033	$8\frac{3}{4}$	27.4889	60.132
$1\frac{7}{8}$	4.5160	1.6230	$4\frac{7}{16}$	13.9408	15.466	$8\frac{7}{8}$	27.8816	61.862
$1\frac{1}{2}$	4.7124	1.7671	$4\frac{1}{2}$	14.1372	15.904	9	28.2743	63.617
$1\frac{9}{16}$	4.9087	1.9175	$4\frac{9}{16}$	14.3335	16.349	$9\frac{1}{8}$	28.6670	65.397
$1\frac{5}{8}$	5.1051	2.0739	$4\frac{5}{8}$	14.5299	16.800	$9\frac{1}{4}$	29.0597	67.201
$1\frac{11}{16}$	5.3014	2.2365	$4\frac{11}{16}$	14.7262	17.257	$9\frac{3}{8}$	29.4524	69.029
$1\frac{3}{4}$	5.4978	2.4053	$4\frac{3}{4}$	14.9226	17.721	$9\frac{1}{2}$	29.8451	70.882
$1\frac{13}{16}$	5.6941	2.5802	$4\frac{13}{16}$	15.1189	18.190	$9\frac{5}{8}$	30.2378	72.760
$1\frac{7}{8}$	5.8905	2.7612	$4\frac{7}{8}$	15.3153	18.665	$9\frac{3}{4}$	30.6305	74.662
$1\frac{15}{16}$	6.0868	2.9483	$4\frac{15}{16}$	15.5116	19.147	$9\frac{7}{8}$	31.0232	76.589